

846 Inventory Inquiry/Advice

Functional Group ID=**IB**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Owners/managers use this transaction set to request, inquire about, and cancel a physical inventory by a distribution depot/storage activity. Owners/managers use this transaction set to provide a distribution depot/storage activity with an inventory priority parameter report for use with developing physical inventory schedules. Owners/managers also use this transaction set to request transaction history.

2. Distribution depots/storage activities use this transaction set to cancel and/or reschedule a physical inventory request by an owner/manager. Distribution depots/storage activities also use this transaction set to respond to a request for transaction history and an inquiry about a request for a physical inventory.

3. Use a single occurrence of this transaction set to exchange transactions between a single owner/manager and a single or multiple distribution depots/storage activities, or between a single distribution depot/storage activity and a single or multiple owners/managers. Use one occurrence of this transaction set to transmit a single or multiple transactions.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
LOOP ID - N1						5	
7	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		

846P - Inventory Inquiry/Advice (Physical Inventory/Transaction History)

Not Used	100	N3	Address Information	O	2
Not Used	110	N4	Geographic Location	O	1
Not Used	120	REF	Reference Identification	O	12
Not Used	130	PER	Administrative Communications Contact	O	3
LOOP ID - LM					10
Not Used	140	LM	Code Source Information	O	1
Not Used	150	LQ	Industry Code	M	100

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID - LIN							10000
9	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
13	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
15	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
Not Used	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
17	256	PCT	Percent Amounts	O	>1		
19	257	LDT	Lead Time	O	12		
LOOP ID - LM							10
20	260	LM	Code Source Information	O	1		
21	270	LQ	Industry Code	M	100		
LOOP ID - SLN							1000
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
LOOP ID - MAN							100
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
LOOP ID - QTY							99
24	320	QTY	Quantity	O	1		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		

846P - Inventory Inquiry/Advice (Physical Inventory/Transaction History)

Not Used	350	LDT	Lead Time	O	12	
26	355	DTM	Date/Time Reference	O	10	
LOOP ID - SCH					25	
Not Used	360	SCH	Line Item Schedule	O	1	
Not Used	370	MEA	Measurements	O	25	
LOOP ID - LM					>1	
Not Used	375	LM	Code Source Information	O	1	
Not Used	376	LQ	Industry Code	M	100	
27	380	LS	Loop Header	O	1	
LOOP ID - REF					>1	
Not Used	390	REF	Reference Identification	O	1	n1
Not Used	400	DTM	Date/Time Reference	O	>1	
Not Used	410	N1	Name	O	1	
LOOP ID - LM					10	
Not Used	420	LM	Code Source Information	O	1	
Not Used	430	LQ	Industry Code	M	100	
28	440	LE	Loop Trailer	O	1	
LOOP ID - N1					200	
29	450	N1	Name	O	1	
Not Used	460	N2	Additional Name Information	O	2	
Not Used	470	N3	Address Information	O	2	
Not Used	480	N4	Geographic Location	O	1	
Not Used	490	REF	Reference Identification	O	12	
Not Used	500	PER	Administrative Communications Contact	O	3	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n2
31	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			846 Inventory Inquiry/Advice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BIA03 identifies the number of the inquiry/advice that is transferred.
- 2 BIA04 identifies the date of the inquiry/advice that is transferred.
- 3 BIA05 identifies the time of the inquiry/advice that is transferred.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BIA01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00	Original
			77	Simulation Exercise
			<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	
Must Use	BIA02	755	Report Type Code	M ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			DD	Distributor Inventory Report
			<i>Use to identify a response to a request for a physical inventory (does not include asset balances).</i>	
			IP	Inventory Parameter Report
			<i>Use to identify an inventory priority parameter report.</i>	
			TC	Physical Inventory Request
			A request for or notification of a physical inventory action	
			<i>Use to identify a physical inventory request.</i>	
			TF	Transaction History Request
			<i>Use to identify a transaction history request.</i>	

Must Use	BIA03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
Must Use	BIA04	373	Date Date expressed as CCYYMMDD <i>This date is the date of the transaction set preparation and corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
	BIA05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Express the originating activity's time of transaction set preparation in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	O TM 4/8
Not Used	BIA06	306	Action Code Code indicating type of action	O ID 1/2

Segment:	N1 Name
Position:	080
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use this 1/N1/080 loop to identify the organization originating the transaction set.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Use only one of codes SB or Z4.</i>	
		SB Storage Area	
		<i>Use to indicate a depot or storage activity.</i>	
		Z4 Owning Inventory Control Point	
		An inventory control organization responsible for management of a particular item	
Not Used	N102	93 Name	X AN 1/60
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10 Department of Defense Activity Address Code (DODAAC)	
		M4 Department of Defense Routing Identifier Code (RIC)	
		An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	

Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

FR

Message From

Must use with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

Segment:	LIN Item Identification
Position:	010
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<i>Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the transaction.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification		O AN 1/20
				Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	Product/Service ID Qualifier		M ID 2/2
				Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
				<i>Use only one of codes A1, A2, A4, FB, FS, MG, or YP to identify the item of inventory. Must use National Stock Number (NSN) when known.</i>	
			A1	Plant Equipment Number	
				Item identifier is a plant equipment number	
				<i>Use to identify plant equipment.</i>	
			A2	Department of Defense Identification Code (DoDIC)	

				Qualifies a code that uniquely identifies a type of explosive or ammunition
				<i>Use to identify ammunition items.</i>
		A4		Subsistence Identification Number
				Item identifier is a brand-name resale subsistence item
				<i>Use to identify subsistence items.</i>
		FB		Form Number
				<i>Use to identify the form stock number.</i>
		FS		National Stock Number
				<i>Must use NSN when known.</i>
		MG		Manufacturer's Part Number
				<i>Use to identify nonstandard material.</i>
		YP		Publication Number
				<i>Use to identify the publication stock number.</i>
Must Use	LIN03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	LIN04	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		ZB	Commercial and Government Entity (CAGE) Code	
			A code that identifies a commercial contractor authorized to do business with the U.S. government	
			<i>Use with LIN02 code MG to uniquely identify a manufacturer's part number.</i>	
	LIN05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN06	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN08	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN09	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	LIN10	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN11	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

Not Used	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN23	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN25	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN27	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN28	235	Product/Service ID Qualifier	X	ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN29	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	LIN30	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN31	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

Segment: DTM Date/Time Reference**Position:** 100**Loop:** LIN Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use for transaction history requests, reconciliation review requests, investigation/Transportation Discrepancy Report (TDR) requests and physical inventory reports to identify pertinent dates.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		036 Expiration	
		Date coverage expires	
		<i>For subsistence items, use in physical inventory requests and physical inventory response transactions to identify the expiration date.</i>	
		090 Report Start	
		<i>Use in transaction history requests to identify the transaction history reporting start date.</i>	
		091 Report End	
		<i>Use in transaction history requests to identify the transaction history reporting end date.</i>	
		510 Date Packed	
		<i>For subsistence items, use for physical inventory requests and physical inventory response transactions to identify the date packed.</i>	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	REF Reference Identification
Position:	140
Loop:	LIN Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Use to identify the transaction number.</i>

Data Element Summary				
	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			TN Transaction Reference Number	
			<i>Use to identify the Transaction Number.</i>	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			W8 Suffix	
			Differentiates between partial actions taken on the original transaction	
			<i>Use in reclassification request transactions to identify the suffix code assigned to the original reference number (Code TN) cited in REF01.</i>	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	

Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **PCT** Percent Amounts
Position: 256
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use only for inventory priority parameter reports to identify inventory prioritization information.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
		21	Annual Demand Quantity Weighting Factor	<i>Use to identify the weighting factor applicable to the annual demand quantity expressed as a decimal (percentage) number, including the decimal.</i>
		22	Annual Demand Value Weighting Factor	<i>Use to identify the weighting factor applicable to the annual demand dollar value expressed as a decimal (percentage) number, including the decimal.</i>
		23	Essentiality Weighting Factor	<i>Use to identify the weighting factor applicable to the essentiality code value expressed as a decimal (percentage) number, including the decimal.</i>
		24	Procurement Lead-time Weighting Factor	<i>Use to identify the weighting factor applicable to the procurement lead time expressed as a decimal (percentage) number, including the decimal.</i>
		25	Months To Procurement Weighting Factor	<i>Use to identify the weighting factor applicable to the months-to-procurement expressed as a decimal (percentage) number, including the decimal.</i>
		26	Annual Demand Frequency Weighting Factor	<i>Use to identify the weighting factor applicable to the annual demand frequency expressed as a decimal (percentage) number, including the decimal.</i>

decimal.

Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

Segment: **LDT** **Lead Time**
Position: 257
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes: *Use only for inventory priority parameter reports to identify inventory prioritization information.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AS Before inventory is replenished based on stock check	
			<i>Use to identify the months-to-procurement, e.g., the months until initiation of the next acquisition.</i>	
			BA From Date of Award to Expiration Date of Authorization	
			<i>Use to identify the procurement lead time.</i>	
Must Use	LDT02	380	Quantity	M R 1/15
			Numeric value of quantity	
			<i>Express as a whole number with no decimals.</i>	
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
			Code indicating the time period or interval	
			MO Month	
Not Used	LDT04	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	

Segment: **LM** **Code Source Information**
Position: 260
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 270
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	LQ01	1270 Code List Qualifier Code	O	ID 1/3
		Code identifying a specific industry code list		
		<i>Use only one of codes 99 or A1 (but not both) to identify material segregated by purpose or ownership.</i>		
		0 Document Identification Code		
		Codes that subclassify a transaction		
		78 Project Code		
		Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes		
		83 Supply Condition Code		
		Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable		
		84 Management Code		
		Supplemental information not covered by the transaction coding structure		
		<i>Use in physical inventory request, physical inventory report/response, to provide supplemental management information.</i>		
		87 Subsistence Type of Pack Code		
		A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items		
		<i>Use in physical inventory request and physical inventory response transactions to further identify subsistence items.</i>		
		99 Purpose Code		

	Codes that inform the material owner why an inventory balance is being reserved
A1	Ownership Code Items included in the inventory records of an organization that is not the owner of the items
AK	Distribution Code Code identifying activities eligible to receive additional status
COG	Cognizance Symbol <i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
DF	Media and Status Code
FC	Type Physical Inventory or Transaction History Code Identifies the type of inventory being conducted or requested, or identifies requests for transmission of custodial balances and history
FF	Essentiality Code The essentiality of an item <i>Use only for inventory priority parameter reports to identify the essentiality code associated with the material.</i>
IMC	Item Management Code <i>Use to identify the Item Management Code (IMC) for integrated material management. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
MCC	Material Control Code <i>Use to identify the Material Control Code (MCC) for special inventory reporting. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i>
SMI	Special Material Identification Code <i>Use to identify the Special Material Identification Code (SMIC) for an end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without</i>

action.

Must Use	LQ02	1271	Industry Code	X AN 1/30
Code indicating a code from a specific industry code list				

Segment: **QTY** Quantity
Position: 320
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:
Notes: *Use this QTY segment to identify the unit of issue.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity UU Used <i>Use to comply with X12 syntax requirements.</i>	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity <i>Enter the value "1" in this data element. QTY01 and QTY02 are used only to comply with X12 syntax requirements.</i>	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use any code other than ZZ. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

Segment: **DTM** **Date/Time Reference**

Position: 355

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	LS Loop Header
Position:	380
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate that the next segment begins a loop
Syntax Notes:	
Semantic Notes:	1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments:	1 See Figures Appendix for an explanation of the use of the LS and LE segments.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LS01	447	Loop Identifier Code	M AN 1/6
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	

Segment: **LE** Loop Trailer
Position: 440
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate that the loop immediately preceding this segment is complete
Syntax Notes:
Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments: 1 See Figures Appendix for an explanation of the use of the LE and LS segments.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	LE01	447	Loop Identifier Code	M AN 1/6
The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE				

Segment:	N1 Name
Position:	450
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use this 2/N1/450 loop to identify the organization to receive the transaction.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code		M ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual	
				<i>Use one of codes SB or Z4.</i>	
			SB	Storage Area	
				<i>Use to identify a depot or storage activity.</i>	
			Z4	Owning Inventory Control Point	
				An inventory control organization responsible for management of a particular item	
Not Used	N102	93	Name		X AN 1/60
				Free-form name	
Must Use	N103	66	Identification Code Qualifier		X ID 1/2
				Code designating the system/method of code structure used for Identification Code (67)	
			1	D-U-N-S Number, Dun & Bradstreet	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			M4	Department of Defense Routing Identifier Code (RIC)	
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	Identification Code		X AN 2/80

Not Used	N105	706	Code identifying a party or other code	O	ID 2/2
			Entity Relationship Code		
Must Use	N106	98	Code describing entity relationship	O	ID 2/3
			Entity Identifier Code		
			Code identifying an organizational entity, a physical location, property or an individual		

TO

Message To

Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	